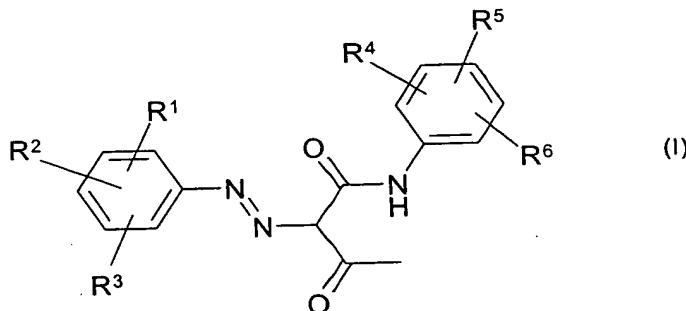


Claims:

1) The use of a pigment preparation comprising C.I. Pigment Yellow 74 as base pigment and one or more pigment dispersants of the formula (I)

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in which

R¹, R², R³, R⁴, R⁵, and R⁶ independently of one another are hydrogen, halogen, 10 C₁-C₄ alkyl, C₁-C₄ alkoxy, nitro, trifluoromethyl, cyano, phenyl, a group SO₃⁻E⁺ or COO⁻E⁺, with the proviso that there is at least one and not more than two ionic groups of type SO₃⁻E⁺ or COO⁻E⁺, and that, in the case of two ionic groups, one group is located in the coupler residue and the other in the base residue of the compound of the formula (I);

15 E⁺ is H⁺;

the equivalent M^{m+}/m of a metal cation M^{m+}, m being the number 1, 2 or 3; a phosphonium ion; or an unsubstituted or substituted ammonium ion; for pigmenting electrophotographic toners and developers, inks, aqueous binder systems, and color filters.

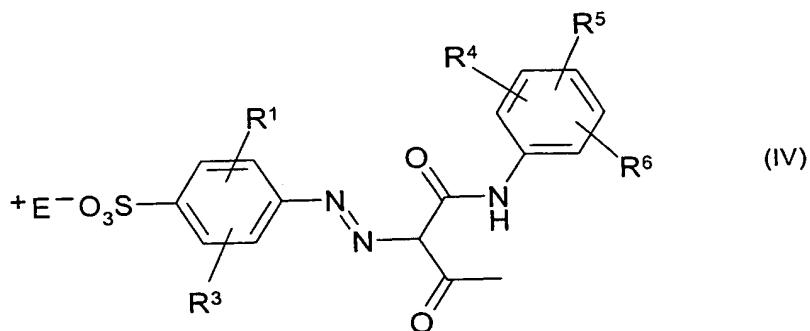
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2) The use as claimed in claim 1, wherein R¹, R², R³, R⁴, R⁵ and R⁶ are hydrogen, chlorine, methyl, trifluoromethyl or methoxy.

25 3) The use as claimed in claim 1 or 2, wherein the pigment dispersant of the formula (I) carries an ionic group SO₃⁻E⁺.

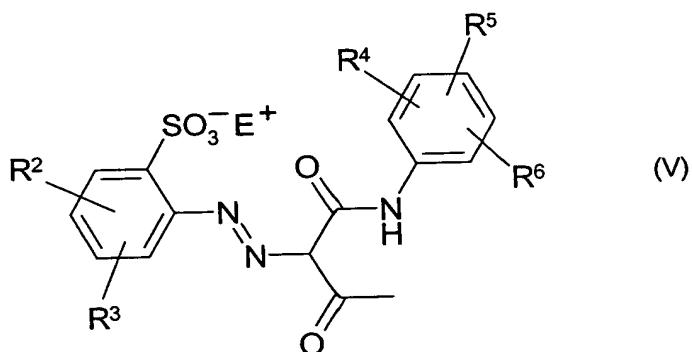
4) The use as claimed in one or more of claims 1 to 3, wherein E⁺ has the definition H⁺, Na⁺, Ca²⁺, Mg²⁺, Sr²⁺, Ba²⁺, Mn²⁺ or Al³⁺.

5) The use as claimed in one or more of claims 1 to 4, wherein pigment dispersants of the formula (IV)



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and of the formula (V)



10 are used.

6) The use as claimed in one or more of claims 1 to 5, wherein C.I. Pigment Yellow 61, 61:1, 62, 62:1, 168, 169 and/or 191:1 are used as pigment dispersants.

15 7) The use as claimed in one or more of claims 1 to 6, wherein the pigment preparation contains

- a) 50% to 99.9%, preferably 60% to 99.5% by weight of Pigment Yellow 74,
- b) 0.1% to 25%, preferably 0.5% to 15% by weight of 1, 2, 3, 4, 5 or 6, preferably 1, 2, 3 or 4, pigment dispersants of the formula (I),

20 c) 0 to 25%, preferably 0 to 15% by weight of auxiliaries,

the fractions of the respective components being based on the total weight of the preparation (100% by weight).

8) The use as claimed in one or more of claims 1 to 7 for pigmenting ink-jet

5 inks.

9) The use as claimed in claim 8, wherein the ink-jet ink is a microemulsion ink, a solvent-based ink-jet ink or a hot-melt ink-jet ink.

10 10) The use as claimed in one or more of claims 1 to 7 for pigmenting aqueous printing inks, aqueous paints, and aqueous varnishes.

11) The use as claimed in at least one of claims 1 to 10 in an amount of 0.05% to 30% by weight, based on the material to be pigmented.